

Database	Search strategy	Articles
PubMed	((("COVID-19"[All Fields] OR "COVID-2019"[All Fields] OR "severe acute respiratory syndrome coronavirus 2"[Supplementary Concept] OR "severe acute respiratory syndrome coronavirus 2"[All Fields] OR "2019-nCoV"[All Fields] OR "SARS-CoV-2"[All Fields] OR "2019nCoV"[All Fields] OR ("Wuhan"[All Fields] AND ("coronavirus"[MeSH Terms] OR "coronavirus"[All Fields])) AND (2019/12[PDAT] OR 2020[PDAT])))))) AND (((((((("cardiovascular system"[MeSH Terms] OR ("cardiovascular"[All Fields] AND "system"[All Fields]) OR "cardiovascular system"[All Fields] OR "cardiovascular"[All Fields]))) OR (((("heart"[MeSH Terms] OR "heart"[All Fields] OR "cardiac"[All Fields]))) OR ((("death, sudden, cardiac"[MeSH Terms] OR ("death"[All Fields] AND "sudden"[All Fields] AND "cardiac"[All Fields]) OR "cardiac sudden death"[All Fields] OR ("sudden"[All Fields] AND "cardiac"[All Fields] AND "death"[All Fields]) OR "sudden cardiac death"[All Fields]))) OR (((((((((((((((("ischaemic heart disease"[All Fields] OR "myocardial ischemia"[MeSH Terms] OR ("myocardial"[All Fields] AND "ischemia"[All Fields]) OR "myocardial ischemia"[All Fields] OR ("ischemic"[All Fields] AND "heart"[All Fields] AND "disease"[All Fields]) OR "ischemic heart disease"[All Fields] OR "coronary artery disease"[MeSH Terms] OR ("coronary"[All Fields] AND "artery"[All Fields] AND "disease"[All Fields]) OR "coronary artery disease"[All Fields] OR ("ischemic"[All Fields] AND "heart"[All Fields] AND "disease"[All Fields]))) OR ((("atrial fibrillation"[MeSH Terms] OR ("atrial"[All Fields] AND "fibrillation"[All Fields]) OR "atrial fibrillation"[All Fields]))) OR ((("ventricular fibrillation"[MeSH Terms] OR ("ventricular"[All Fields] AND "fibrillation"[All Fields]) OR "ventricular fibrillation"[All Fields]))) OR ((("ventricular flutter"[MeSH Terms] OR ("ventricular"[All Fields] AND "flutter"[All Fields]) OR "ventricular flutter"[All Fields]))) OR ((("arrhythmias, cardiac"[MeSH Terms] OR ("arrhythmias"[All Fields] AND "cardiac"[All Fields]) OR "cardiac arrhythmias"[All Fields] OR ("cardiac"[All Fields] AND "arrhythmia"[All Fields]) OR "cardiac arrhythmia"[All Fields]))) OR ((("st elevation myocardial infarction"[MeSH Terms] OR ("st"[All Fields] AND "elevation"[All Fields] AND "myocardial"[All Fields] AND "infarction"[All Fields]) OR "st elevation myocardial infarction"[All Fields] OR "stemi"[All Fields]))) OR ((("non-st elevated myocardial infarction"[MeSH Terms] OR ("non-st"[All Fields] AND "elevated"[All Fields] AND "myocardial"[All Fields] AND "infarction"[All Fields]) OR "non-st elevated myocardial infarction"[All Fields] OR "nstemi"[All Fields]))) OR ((("angina, unstable"[MeSH Terms] OR ("angina"[All Fields] AND "unstable"[All Fields]) OR "unstable angina"[All Fields] OR ("unstable"[All Fields] AND "angina"[All Fields]))) OR ((("heart failure"[MeSH Terms] OR ("heart"[All Fields] AND "failure"[All Fields]) OR "heart failure"[All Fields]))) OR ((("aortic valve stenosis"[MeSH Terms] OR ("aortic"[All Fields] AND "valve"[All Fields] AND "stenosis"[All Fields]) OR "aortic valve stenosis"[All Fields] OR ("aortic"[All Fields] AND "stenosis"[All Fields]) OR "aortic stenosis"[All Fields]))) OR ((("aortic valve insufficiency"[MeSH Terms] OR ("aortic"[All Fields] AND "valve"[All Fields] AND "insufficiency"[All Fields]) OR "aortic valve insufficiency"[All Fields] OR ("aortic"[All Fields] AND "insufficiency"[All Fields]) OR "aortic insufficiency"[All Fields]))) OR ((("aortic valve insufficiency"[MeSH Terms] OR ("aortic"[All Fields] AND "valve"[All Fields] AND "insufficiency"[All Fields]) OR "aortic valve insufficiency"[All Fields] OR ("aortic"[All Fields] AND "regurgitation"[All Fields]) OR "aortic regurgitation"[All Fields])))))))	572

	Fields)))) OR (("mitral valve stenosis"[MeSH Terms] OR ("mitral"[All Fields] AND "valve"[All Fields] AND "stenosis"[All Fields]) OR "mitral valve stenosis"[All Fields] OR ("mitral"[All Fields] AND "stenosis"[All Fields]) OR "mitral stenosis"[All Fields])))) OR ((("mitral valve prolapse"[MeSH Terms] OR ("mitral"[All Fields] AND "valve"[All Fields] AND "prolapse"[All Fields]) OR "mitral valve prolapse"[All Fields] OR ("mitral"[All Fields] AND "prolapse"[All Fields]) OR "mitral prolapse"[All Fields])))) OR ((("mitral valve insufficiency"[MeSH Terms] OR ("mitral"[All Fields] AND "valve"[All Fields] AND "insufficiency"[All Fields]) OR "mitral valve insufficiency"[All Fields] OR ("mitral"[All Fields] AND "regurgitation"[All Fields]) OR "mitral regurgitation"[All Fields])))) OR atherosclerotic[All Fields]) OR (("coronary aneurysm"[MeSH Terms] OR ("coronary"[All Fields] AND "aneurysm"[All Fields]) OR "coronary aneurysm"[All Fields] OR ("coronary"[All Fields] AND "artery"[All Fields] AND "aneurysm"[All Fields]) OR "coronary artery aneurysm"[All Fields])))) OR (((("coronary vessels"[MeSH Terms] OR ("coronary"[All Fields] AND "vessels"[All Fields]) OR "coronary vessels"[All Fields] OR ("coronary"[All Fields] AND "artery"[All Fields]) OR "coronary artery"[All Fields]) AND ("dissection"[MeSH Terms] OR "dissection"[All Fields])))) OR ((("stroke"[MeSH Terms] OR "stroke"[All Fields])))) OR ((("antiphospholipid syndrome"[MeSH Terms] OR ("antiphospholipid"[All Fields] AND "syndrome"[All Fields]) OR "antiphospholipid syndrome"[All Fields])))) OR ((("pulmonary embolism"[MeSH Terms] OR ("pulmonary"[All Fields] AND "embolism"[All Fields]) OR "pulmonary embolism"[All Fields])))) OR (((("thrombosis"[MeSH Terms] OR "thrombosis"[All Fields])))) OR (((("myocarditis"[MeSH Terms] OR "myocarditis"[All Fields])))) OR (((("pericarditis"[MeSH Terms] OR "pericarditis"[All Fields])))) OR (((("aortic aneurysm"[MeSH Terms] OR ("aortic"[All Fields] AND "aneurysm"[All Fields]) OR "aortic aneurysm"[All Fields])))) OR ((("aneurysm, dissecting"[MeSH Terms] OR ("aneurysm"[All Fields] AND "dissecting"[All Fields]) OR "dissecting aneurysm"[All Fields] OR ("aortic"[All Fields] AND "dissection"[All Fields]) OR "aortic dissection"[All Fields]))))	
EMBASE	<p>corona:ti OR coronavirus:ti OR covid19:ti OR covid:ti OR 'covid 19':ti OR 'severe acute respiratory syndrome coronavirus':ti OR 'severe acute respiratory syndrome coronavirus 2':ti OR 'sars coronavirus':ti OR 'sars-related coronavirus':ti OR 'sars cov':ti OR 'sars cov 2':ti</p> <p>AND</p> <p>'heart disease':ti OR 'coronary artery disease':ti OR coronary:ti OR heart:ti OR cardiac:ti OR cardiovascular:ti OR 'acute coronary syndrome':ti OR 'heart infarction':ti OR 'myocardial infarction':ti OR angina:ti OR 'st segment elevation myocardial infarction':ti OR (st:ti AND elevated:ti) OR (st:ti AND elevation:ti) OR 'non st segment elevation myocardial infarction':ti OR stemi:ti OR nstemi:ti OR 'heart failure':ti OR 'cardiac failure':ti OR 'left ventricular failure':ti OR 'sudden cardiac death':ti OR 'cardiac arrest':ti OR 'heart arrest':ti OR arrhythmia:ti OR 'atrial fibrillation':ti OR 'ventricular fibrillation':ti OR tachycardia:ti OR 'ventricular tachycardia':ti OR 'cardiac arrhythmia':ti OR 'heart arrhythmia':ti OR myocardial:ti OR pericarditis:ti OR myocarditis:ti OR myopericarditis:ti OR 'sudden cardiac arrest':ti OR ('non st':ti AND elevated:ti) OR ('non st':ti AND elevation:ti) OR atrial:ti OR ventricular:ti OR stroke:ti OR embolism:ti OR thrombosis:ti OR thromboembolism:ti OR 'deep vein thrombosis':ti OR 'pulmonary embolism':ti OR 'lung embolism':ti OR 'angina pectoris':ti OR 'unstable angina':ti OR 'coronary artery aneurysm':ti OR 'coronary artery dissection':ti OR aneurysm:ti OR</p>	238

dissection:ti OR mitral:ti OR aortic:ti OR 'mitral valve disease':ti OR 'mitral stenosis':ti OR 'aortic stenosis':ti OR regurgitation:ti OR insufficiency:ti OR 'mitral valve prolapse':ti OR 'antiphospholipid syndrome':ti OR 'antiphospholipid antibody syndrome':ti OR 'valvular heart disease':ti OR atherosclerosis:ti OR 'ischemic heart disease':ti OR ischemia:ti OR cerebrovascular:ti OR hypertension:ti OR circulation:ti	
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Supplementary Table 1: Search strategy

